

FUND RISK MANAGEMENT  
Monthly Report



April 2019

Umbrella Cosmos Lux International  
Sub-fund CHF Net Asset Value 11,623,743.81  
Portfolio date 29/04/2019 Currency CHF

FUND ID

Fund name Cosmos Lux International  
Sub-fund name CHF  
ISIN LU0989373237  
Currency CHF  
Benchmark SWISS MARKET INDEX  
FUND RISK PROFILE **Low**

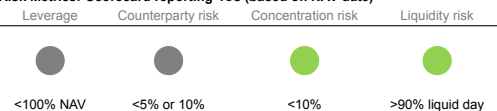
TNA end of period 11,623,743.81 NAV end of period 119.19  
TNA start of period 10,993,752.31 NAV start of period 112.73  
TNA Variation 5.73% NAV Variation 5.73%  
Subscriptions 0.00  
Redemptions 0.00

RISK MANAGEMENT COMMENTS

**Stale price overview**  
No stale price.

**Operational risk**  
No material NAV error occurred during the period.  
No massive redemption occurred during the period.

**Risk Metrics: Scorecard reporting 4Cs (based on NAV date)**



**Investment Compliance dashboard**

Type of breach	Description	Origin	Start date	Close Date	Active/Passive	Impact	Regulator reporting
UCITS 50 (2) (a)	Persistent overdraft	Start of warning period	14/01/2019	21/01/2019	WARNING	N/A	N/A

**Investment Compliance specific**  
NA

**Total Expense Ratio - Internal limit 3%**  
As of 29/03/2019 (Quarterly):  
Without transaction fees  
B CAP: 3.31%  
Please note that the TER is above internal threshold of 3% of the NAV

**Portfolio Turnover**  
As of 29/03/2018 (Quarterly): 57%

Please note that PTR displayed is calculated on an annual basis as specified in the CSSF circular 03/122.

**VaR - Leverage**  
NA

**Liquidity Risk**  
No issue to report.

Investment Manager comments

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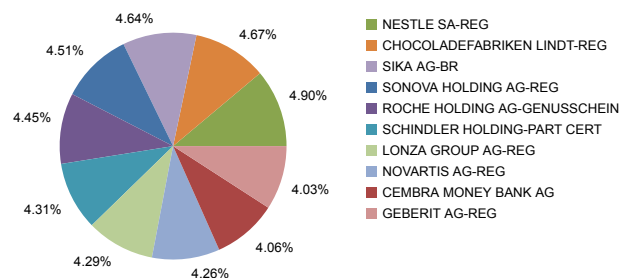
Regulatory main limit checks

Issuer Exposure < 10% NAV	Check result	Indicator	Cash Counterparty Exposure < 20% NAV	Check result	Indicator
	4.90%			2.65%	
OECD Govt Bond Exposure < 35% NAV	NA		OTC Counterparty Exposure	NA	
5/40 Rule	NA		Aggregated Group Exposure	4.90%	
Borrowing limit < 10% NAV	NA		Cover Rule (liquid assets vs. needs)	0.00%	

OTC Counterparty Risk top 5 contributors

Counterparty	Exposure in Fund Currency	% NAV	Regulatory limit	Not applicable
Not applicable				

Concentration risk by corporate issuer - Top 10



Concentration Risk	MCHF	% NAV
NESTLE SA-REG	0.57	4.90%
CHOCOLADEFABRIKEN LINDT-REG	0.54	4.67%
SIKI AG-BR	0.54	4.64%
SONOVA HOLDING AG-REG	0.52	4.51%
ROCHE HOLDING AG-GENUSSCHEIN	0.52	4.45%
SCHINDLER HOLDING-PART CERT	0.50	4.31%
LONZA GROUP AG-REG	0.50	4.29%
NOVARTIS AG-REG	0.50	4.26%
CEMBRA MONEY BANK AG	0.47	4.06%
GEBERIT AG-REG	0.47	4.03%

Concentration by Group 20% - Top 10

Group Name	Instrument type	Exposure value	% NAV
NESTLE SA-REG	EQUITY	569,516.80	4.90%
CHOCOLADEFABRIKEN LINDT-REG	EQUITY	542,500.00	4.67%
SIKI AG-BR	EQUITY	539,350.00	4.64%
SONOVA HOLDING AG-REG	EQUITY	524,535.00	4.51%
ROCHE HOLDING AG-GENUSSCHEIN	EQUITY	516,719.00	4.45%
SCHINDLER HOLDING-PART CERT	EQUITY	501,400.00	4.31%
LONZA GROUP AG-REG	EQUITY	498,400.00	4.29%
NOVARTIS AG-REG	EQUITY	495,600.00	4.26%
CEMBRA MONEY BANK AG	EQUITY	472,500.00	4.06%
GEBERIT AG-REG	EQUITY	468,820.00	4.03%

Top 5 contributors to Cover Rule

Top 5 contributors to Cover Rule

Instrument code	Instrument Name	Instrument type	Negative exposure	% NAV
Not applicable				



ALERT COLORS: No Breach Warning > 80 % from regulatory limit Breach

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<b>Sub-fund</b>	CHF	<b>Currency</b>	CHF
<b>Portfolio date</b>	29/04/2019		

Commitment Approach

Not applicable

Top 10 commitment contributors

Instrument code	Name	Instrument type	Absolute value	% NAV
Not applicable				

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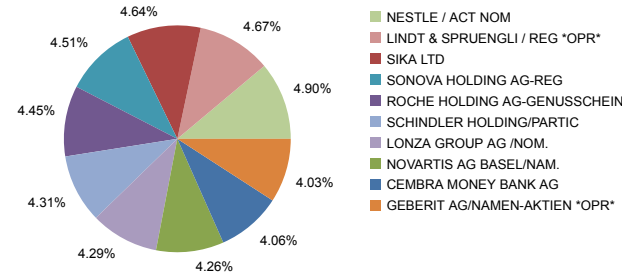
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Top 10 fund holdings (w/o cash & FDI)

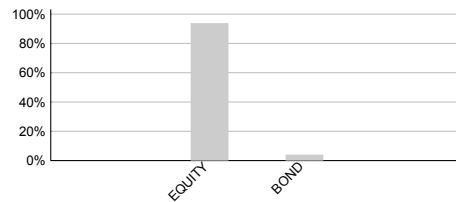
Top 10 holdings	Asset type	ISIN	% NAV
NESTLE / ACT NOM	Common stock	CH0038863350	4.90%
LINDT & SPRUENGLI / REG *OPR	Common stock	CH0010570759	4.67%
SIKA LTD	Common stock	CH0418792922	4.64%
SONOVA HOLDING AG-REG	Common stock	CH0012549785	4.51%
ROCHE HOLDING AG-GENUSSCHEIN	Common stock	CH0012032048	4.45%
SCHINDLER HOLDING/PARTIC	Common stock	CH0024638196	4.31%
LONZA GROUP AG /NOM.	Common stock	CH0013841017	4.29%
NOVARTIS AG BASEL/NAM.	Common stock	CH0012005267	4.26%
CEMBRA MONEY BANK AG	Common stock	CH0225173167	4.06%
GEBERIT AG/NAMEN-AKTIE *OPR*	Common stock	CH0030170408	4.03%



Asset allocation: Asset Type, Risk Country & Industrial Sector (Bloomberg BICS)\*

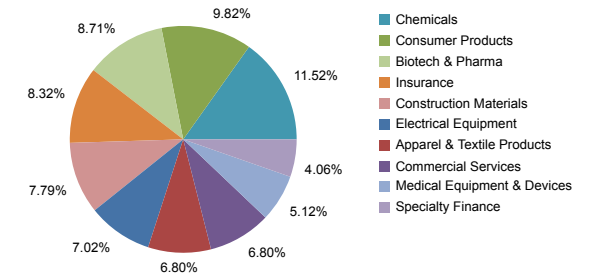
\*w/o cash & FDI

Allocation per Asset type	% NAV
EQUITY	93.86%
BOND	4.06%



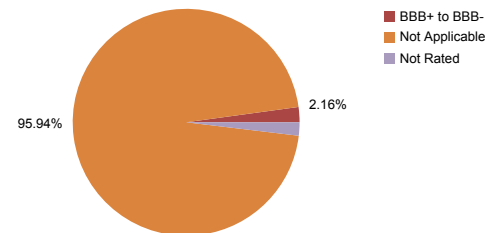
Allocation per Risk Country - Top 10	% NAV
Switzerland	95.76%
Denmark	2.16%

Allocation per Sector - Top 10	% NAV
Chemicals	11.52%
Consumer Products	9.82%
Biotech & Pharma	8.71%
Insurance	8.32%
Construction Materials	7.79%
Electrical Equipment	7.02%
Apparel & Textile Products	6.80%
Commercial Services	6.80%
Medical Equipment & Devices	5.12%
Specialty Finance	4.06%



Credit risk: Rating & Duration distribution

Ratings Distribution	Total Market Value	% NAV
AAA	0.00	0.00%
AA+ to AA-	0.00	0.00%
A+ to A-	0.00	0.00%
BBB+ to BBB-	251,009.17	2.16%
BB+ and minus	0.00	0.00%
Not Rated	220,456.67	1.90%
Not Applicable	11,152,277.95	95.94%



LAM Credit score *	Total Market Value	% NAV
IG1	0.00	0.00%
IG2 to IG4	0.00	0.00%
IG5 to IG7	0.00	0.00%
IG8 to IG10	251,009.17	2.16%
HY1 to HY3	0.00	0.00%
HY4 to HY6	0.00	0.00%
DS1 or minus	220,456.67	1.90%
Not rated	0.00	0.00%
Not Applicable	11,152,277.95	95.94%

Durations distribution	Total Market Value	% NAV
0	0.00	0.00%
0 to 1	0.00	0.00%
1 to 3	471,465.84	4.06%
3 to 5	0.00	0.00%
5 to 7	0.00	0.00%
7 to 10	0.00	0.00%
above 10	0.00	0.00%
Not Applicable	11,152,277.95	95.94%

\*Independent credit scoring ran by Lemanik Asset Management

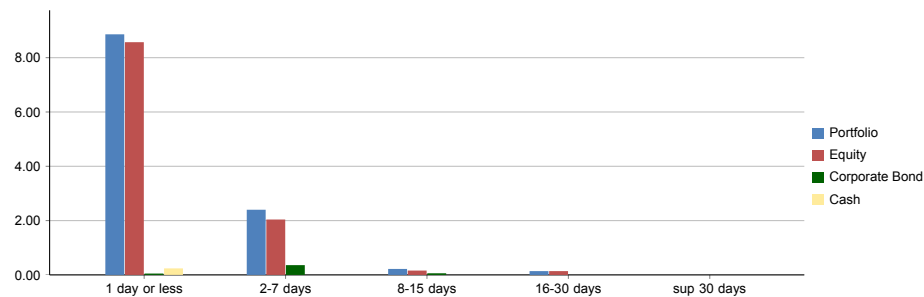
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Exposure by liquidity score

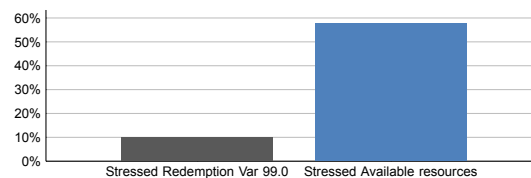


Liquidity score by asset type

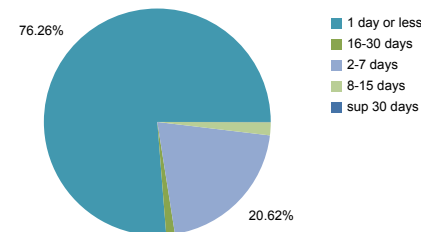
Asset Type	1 day or less	2-7 days	8-15 days	16-30 days	sup 30 days
<b>Available Resources (%NAV)</b>					
Portfolio	76.26%	20.62%	1.86%	1.23%	0.03%
Equity	73.71%	17.52%	1.37%	1.23%	0.03%
Corporate Bond	0.47%	3.10%	0.49%	0.00%	0.00%
Government Bond	0.00%	0.00%	0.00%	0.00%	0.00%
Fund	0.00%	0.00%	0.00%	0.00%	0.00%
Cash	2.08%	0.00%	0.00%	0.00%	0.00%
Other	0.00%	0.00%	0.00%	0.00%	0.00%
<b>Available Resources MCHF</b>					
Portfolio	8.86	2.40	0.22	0.14	0.00
Equity	8.57	2.04	0.16	0.14	0.00
Corporate Bond	0.05	0.36	0.06	0.00	0.00
Government Bond	0.00	0.00	0.00	0.00	0.00
Fund	0.00	0.00	0.00	0.00	0.00
Cash	0.24	0.00	0.00	0.00	0.00
Other	0.00	0.00	0.00	0.00	0.00

Redemption Vs resources (Stressed conditions)

	MCHF	%NAV
Redemption Var 99.0	0.46	4.00%
Available Resources	8.86	76.26%
Redemption Coverage Ratio	-	5.25%
Stressed Redemption Var 99.0	1.16	10.00%
Stressed Available resources	6.69	57.59%
Stressed Redemption Coverage Ratio	-	17.37%



Liquidity score in MCHF over the Net Assets



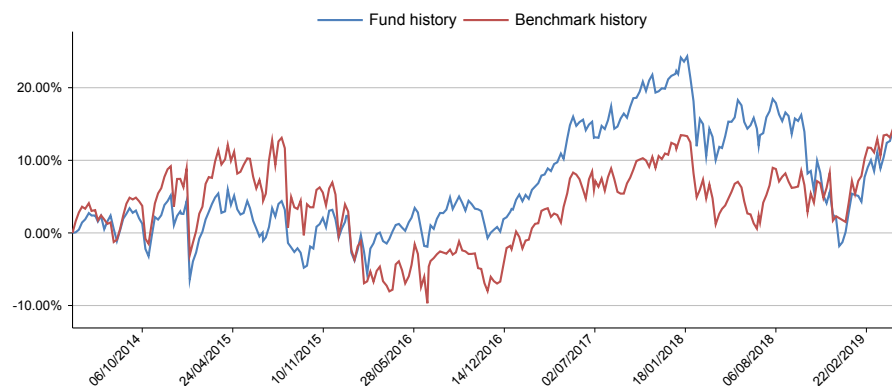
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Performance Fund Vs. Benchmark\*



\*Performance data is displayed on a rolling 5-year period

Benchmark's top 5 components

SWISS MARKET INDEX	100.00
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Top 5 holdings

	% NAV
NESTLE / ACT NOM	4.90%
LINDT & SPRUENGLI / REG *OPR	4.67%
SIKA LTD	4.64%
SONOVA HOLDING AG-REG	4.51%
ROCHE HOLDING AG-GENUSSCHEIN	4.45%
<b>Total</b>	<b>23.17%</b>

Risk Ratios

	Fund	Benchmark
Monthly performance	5.73	4.67
3 months performance	9.39	9.96
Year to date performance	16.61	15.56
1 year performance	-0.16	9.61
3 years performance (p.a.)	4.38	6.43
5 years performance (p.a.)	2.97	3.04

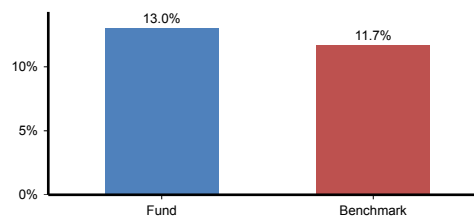
	Fund	Benchmark
1 year volatility	12.99	11.69
3 years volatility	11.13	11.45
1 Year performance/volatility	-0.01	0.82
3 Years performance/volatility	0.39	0.56

	Fund
1 year tracking error	13.39
3 years tracking error	13.29

Tracking error is computed based on weekly NAV data points

	Fund
1 year beta	0.46
3 years beta	0.31

1 year chart of volatility



Maximum losses over the last 5 years

